CLASSIFICATION CONFIDENTIAL

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

COUNTRY China

SUBJECT Manchurian Coal Resources and Production

NO. OF PAGES 3 pages

50X1

NO. OF ENCLS. 1 (LISTED BELOW)

SUPPLEMENT TO REPORT NO. 50X1

50X1

THIS IS UNEVALUATED INFORMATION

1. [redacted] in Enclosure-A Manchurian coal resources and production as of mid-1945. 50X1

2. There is little machinery used in the deep mines. Picks and shovels constitute practically the only digging equipment. Motors on the surface power the cables which motivate the sub-surface carts. The open mines and strip mines have steam shovels and cranes. At Fushun, there were about 50 steam shovels and 10 cranes.

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3. [redacted] all of the mines have cleaning plants where the coal is divided into four qualities; mud coal, powder coal, approximately one inch diameter and smaller pieces, and larger pieces. Belt conveyors were used to move the product from the cleaning plants to storage areas. At Fushun, it was considered something of a problem to dispose of the 900 tons per day of mud coal. It had a heat value of 4500 kilocalories per kilogram. A mixture of 40% mud coal and 60% good coal was used for steam power plant operation.

4. The center of the Fushun mine was approximately six kilometers east-south-east of the Fushun railroad station. The mine extended about 15 kilometers from northeast to southwest and about five kilometers from northwest to southeast.

5. The Fou-Hsin (A) mine extended from the railroad line south for about 10 kilometers and about 20 kilometers east and 20 kilometers west of the railroad station.

6. The Fou-Hsin (B) mine was about 70 kilometers east of Fusin. Test borings were made here in 1945.

7. The Pei Feng mine started about five kilometers southeast of the Pei Feng railroad station. [redacted] the size of the mine area. 50X1

8. [redacted] 50X1

9. The Pen-Ch'i mine was north of the railroad station.

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[redacted] 50X1

10. The Mu Leng mine started about 0.5 kilometers north of the railroad station.

11. The seven coal mines listed were the only important producers in Manchuria. All other coal mines together produced less than one thousand tons per day and had a total reserve of approximately 500,000,000 tons in 1945.

-end-

[redacted] 50X1

ENCLOSURE-A

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Reserve Tons-1945	Daily Prod. Tons/day-1945	Started	Types & Proportions mined (1945)	Employees - Permanent & Temporary	Analysis (Approx.)
City: FUSHUN (41°52'N-123°53'E)					
Company: Manchuria Railroad Co.					
800,000,000	30,000	1910	Strip- 1 Deep - 1 Open - 2	10,000 20,000	C. 48% Volatile - 35% Ash - 9% Moisture - 8% Sulphur - 0.2% Phosphorous - 0 Heat Value- 7000 K.cal/kg
City: FOU-HSIN (A) (42°06'N-121°42'E)					
Company: Manchuria Coal Mine Co.					
4,000,000,000	15,000	1935	Strip- 2 Deep - 1 Open - 1	7,000 15,000	C. 40% Volatile - 35% Ash - 15% Moisture - 10% Sulphur - 0.5% to 1 Phosphorous 0 Heat Value- 6000 K.cal/kg
City: FOU-HSIN (B)					
4,000,000,000	Test drills only		- -	- -	Same as Fou-Hsin (A)
City : PIE FENG (42°55'N-125°09'E)					
Company: Manchuria Coal Mine Co.					
1,000,000,000	3,000	1936	Open - 1 Strip- 2	2,000 5,000	C. 44% Volatile - 36% Ash - 10% Moisture - 10% Sulphur - 0.5% Heat value- 6500 K.cal/kg
City: LUKAN (Approx. 47°N - 128°E)					
Company: Manchuria Coal Mine Co.					
4,000,000,000	5,000	1937	Open - 1 Strip- 2 Deep - 1	5,000 10,000	Same as Fou Hsin (A)
City: PEN-CH'I (Approx 41°30'N-123°40'E)					
Company: Penchihu Steel Mill Co.					
500,000,000	2,500	1937	Open - 1 Strip- 1	1,500 3,000	7000 K.cal/kg smokeless
City: MU LENG (44°32'N-130°14'E)					
Company: Manchuria Coal Mine Co.					
1,000,000,000	1,000	1938	Strip	800 1,500	Like Pei Feng.